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EXAMINER

TRUONG, CAM Y T

ART UNIT	PAPER NUMBER
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2172

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9

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/833,236

Applicant(s)

SENA ET AL.

Examiner

Cam Y T Truong

Art Unit

2172

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 03 October 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-110 is/are pending in the application.
- 4a) Of the above claim(s) 49-51 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-48 and 52-110 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)                      4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)                      5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3&6.                      6) ☐ Other:

**DETAILED ACTION**

1. Claims 1-110 are pending in this Office Action.

Applicant's election with traverse of group I, claims 1-48 and 52-110 in Paper No.8 is acknowledged. However, the traversal was not provided by the applicants.

The requirement is still deemed proper and is therefore made FINAL.

Claims 49-51 are withdrawn from further consideration as being non-elected claims.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 53-54, 56-59, 64-66, 69, 70, 72, 75, 79, 80, 85, 87 are rejected under 35 U.S.C. 102(e) as being Alam et al (or hereinafter "Alam") (USP 6324544).

As to claim 53, Alam teaches the claimed limitations:

"a. means for receiving at least one input digital media file" as receiving input digital document over a network. Input digital document is represented as one input digital media file (col. 1, lines 60-62; col. 2, lines 37-38);

"means for testing said at least one input digital media file" as if at a step 304, it is determined that the input data is in a format supported as an input format. The input data is represented as one input digital media file (col. 5, lines 35-36);

"means for converting at least one input digital media file into at least one output digital media file of a different type" as converting input data to one or more output formats different from original input format (col. 5, lines 37-38);

"means for storing said at least one output digital media file so it may be accessed by a third party" as output digital documents or files may be stored in memory such as floppy disk of computer 2302 so it may be accessed by a user (col. 20, lines 65-67; col. 21, lines 1-10; col. 1, lines 15-20; col. 5, lines 10-15);

"means for publishing said at least one output digital media file so that said file may be view by third parties" as converting input document to multiple output documents which are stored in memory of computer system until the appropriate output document is displayed by the output devices such as PDAs or Laptop Computers. This information shows that the output document is viewed by output devices. Output devices are represented as third parties (col. 20, lines 65-67; col. 21, line 1; col. 20, lines 3-7).

As to claim 54, Alam teaches the claimed limitation "means for checking said at least one input digital media file for computer viruses" as a virus detection program is executed to detect for the presence of viruses in the input document as a virus detection program is executed to detect for the presence of viruses in the input document. This

Art Unit: 2172

information indicates the system has included input handler code segment for screening input document or digital file for viruses (col. 20, lines 14-20).

As to claim 56, Alam teaches the claimed limitation "wherein said means for testing at least one input digital media file includes means for updating said at least one digital media file to a current format" as reformatting input document (col. 20, lines 29-32).

As to claim 57, Alam teaches the claimed limitation "wherein said at least one input digital media file is a Powerpoint® file" (col. 6, lines 10-24).

As to claim 58, Alam teaches the claimed limitation "wherein said means for converting at least one input digital media file further comprises means for converting a plurality of at least one input digital media files into at least one output digital media file" as converting intermediate format document to an output format document. This information shows that the system has included input handler code segment including an updating code segment for converting format document to another format document (col. 6, lines 25-26).

As to claim 59, Alam teaches the claimed limitation “ wherein said plurality of at least one input digital media files is a Powerpoint© file and a digital audio file” as (col. 6, lines 10-24).

As to claim 64, Alam discloses the claimed limitation “wherein said means for converting said at least one input digital media file into said at least one output digital media file of a different type wherein said at least one digital media file is a Powerpoint® file and said at least one output digital media file is an XML file” as (col. 6, lines 15-30).

As to claim 65, Alam discloses the claimed limitation “means for sending a file through the Internet” as (col. 2, lines 37-40).

As to claim 66, Alam discloses the claimed limitation “means for screening said input digital media file in order to determine if said input digital media file is in an acceptable format for processing by said system” as (col. 20, lines 8-30).

As to claim 69, Alam teaches the claimed limitation “means for converting an XML file into a presentation file, which can be viewed over the Internet” as converting an XML file into another format. A user can view converted XML file over the Internet (col. 6, lines 15-30; col. 20, lines 60-67).

Art Unit: 2172

As to claim 70, Alam teaches the claimed limitation "means for converting Powerpoint® file into a presentation file, which can be viewed over the Internet" as converting Powerpoint file into another format. A user can view converted Powerpoint file over the Internet col. 6, lines 15-30; col. 20, lines 60-67).

As to claim 72, Alam teaches the claimed limitation "means for converting a Powerpoint® file and a digital media file containing animation into a presentation file which can be viewed over the Internet" as converting a file in powerpoint format and Joint Photographic Experts Group into a file which can be view by a user over the Internet (col. 2, lines 2-35, col. 20, lines 55-65).

As to claim 75, Alam teaches the claimed limitation "which further comprises means for allowing a viewer to view a presentation file over the Internet" displaying a file to a user over the Internet (col. 22, lines 35-40).

As to claim 79, Alam teaches the claimed limitation "means for creating a presentation that can be shown on a cellular telephone screen" as output document is sent over the network and viewed by at least one type of electronic device such as cellular (col. 20, lines 5-50).

As to claim 80, Alam teaches the claimed limitation "creating a presentation that can be shown on a personal digital assistant screen" as output document is sent over the network and viewed by at least one type of electronic device such as PDA (col. 20, lines 5-50).

As to claim 85, Alam teaches the claimed limitation "the means to compile an error log, said error log for detecting and reporting events during the process of loading and converting digital media files" as (col. 5, lines 45-50).

As to claim 87, Alam teaches the claimed limitation "at least one of the following (a) a set of media breakdown means, said breakdown means for converting a digital media input file into at least one set of low-level components; b) a set of integration means, said integration means for combining said at least one set of low-level components into an intermediate digital media file; c) A set of media output conversion means, said media output conversion means for converting said intermediate digital media file into a desired out media file" as (col. 6, lines 15-67).

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:



Art Unit: 2172

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-7, 9, 13-14, 19-20, 25-26, 40, 43, 106, 109, 110 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124).

As to claim 1, Alam teaches the claimed limitations:

"(a) a central processing unit (CPU)" as a central processor 151 (col. 4, lines 54-55);

"(b) a communication device capable of sending electronic files to the Internet or an email account" as after a user requests files from computer 2302 via electronic mail, computer 2302 displays requested files to the user via Internet system. Computer 2302 is represented as a communication device capable of sending electronic files to a user via Internet (col. 20, lines 1-10; col. 22, lines 35-41; col. 21, lines 31-33);

"(c) a communication device capable of receiving electronic files from the Internet or an email account" as after a user requests files from computer 2302 via electronic mail, computer 2302 displays requested files to the user via Internet system. Users can be PDAs, laptop computers, desktop PCs. A PDA or laptop computer is represented as a communication device capable of receiving requested files from computer 1302 via Internet (col. 20, lines 1-10; col. 22, lines 35-41; col. 21, lines 31-33);

"(d) a computer program embodied on a computer readable medium, the computer program comprising: (1) an input handler code segment stored on a computer readable medium executable at said digital media conversion and integration system,

Art Unit: 2172

said input handler code segment for checking incoming digital media files" as the system may be implemented by computer codes stored on a computer readable such as CD-ROM, zip disk. The system converts digital data representing an image of a document image stored in one format to other formats. The system checks input documents if the input document is in a supported format. This information shows that the system has included an input handler code segment to check input documents (col. 2, lines 50-55; col. 1, lines 18-20; col. 20, lines 24-26);

"(3) a digital media transformation code segment stored on a computer readable medium executable at said digital media conversion and integration system, said digital media transformation code segment for converting at least one input digital media file into an output digital media file of a different type" as the system may be implemented by computer codes stored on a computer readable such as CD-ROM, zip disk. Converter 528 is used to convert digital data representing an image of a document image stored in one format to other formats. The output format may be, for example, HTML or XML. This information shows that the system has included a digital media transformation code segment stored in a computer readable medium for converting at least one input digital document to another support format (fig. 5, col. 2, lines 50-55; col. 6, lines 19-28);

"(4) a presentation formatting code segment stored on a computer readable medium, executable at said media conversion and integration system, said presentation formatting code segment for converting said output digital media file so that it may be viewed by a third party" as the system may be implemented by computer codes stored on a computer readable such as CD-ROM, zip disk. Output document is sent or

Art Unit: 2172

delivered over the network and viewed by at least one type of electronic device, such as laptop computers, PDAs, cellular or wireless telephones pagers, etc. The above information shows that the system has included a presentation formatting code segment stored on zip disk to format input document (col. 2, lines 50-55; col. 6, lines 27-32; col. 15, lines 45-50);

“(e) an electronic data storage device, which includes a computer readable medium” as the system may be implemented by computer codes stored on a computer readable such as CD-ROM, zip disk (col. 2, lines 50-55);

“(f) a computer memory coupled to said central processing unit” as a computer system 101 further includes subsystems such as a central processor 151-system memory 153. This information shows the system memory 1153 is coupled to a central processor 151 (col. 4, lines 54-55).

Alam does not explicitly teach the claimed limitation “2) a publishing manager code segment stored on a computer readable medium executable at said digital media conversion and integration system; said publishing manager code segment for controlling and scheduling said digital media conversion and integration system”.

However, Alam teaches when computer system 2302 receives a request from an output device to display a document, the computer system 2302 may execute process 2500 for converting an input document and output format document. This information shows that the computer system 2302 has included a publishing manager code segment to control and schedule for converting an input document to output document format (col.20, lines 8-15).

Art Unit: 2172

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Alam's teaching of when computer system 2302 receives a request from an output device to display a document, the computer system 2302 may execute process 2500 for converting an input document and output format document in order to convert a digital data in and input format to digital data in a different output format for displaying to a viewer.

As to claim 2, Alam teaches the claimed limitation "wherein said publishing manager code segment includes a customer request input page, said input page for a customer to request a digital media output format" as a request may be made from a PDA to view a document from the repository. The input and repository storage formats may be different from a format suitable for display on the PDA. The input-output format converter may be utilized to convert the storage format repository document to an output format document suitable for display on the PDA (col. 22, lines 35-41).

As to claim 3, Alam teaches the claimed limitation "a device building code segment, said device building code segment for allowing said output digital media file to be viewed by at least one type of electronic device" as output document is displayed on the PDA for viewing. This information shows that the system has included a device building code segment (col. 22, lines 35-41).

As to claim 4, Alam teaches the claimed limitation "where said input handler code segment includes a screening code segment said screening code segment for screening incoming digital media files for viruses" as a virus detection program is executed to detect for the presence of viruses in the input document. This information indicates the system has included input handler code segment for screening input document or digital file for viruses (col. 20, lines 14-20).

As to claim 5, Alam teaches the claimed limitation "where said input handler module includes a file error detection module, said file error detection module for screening said incoming digital media files for file errors" as if at a step 304, it is determine that the input data is not in a format supported as an input format, then method 300 terminates without converting the input data. Method 300 may also output an error message indicating that the input data is not in a format supported as an input format. This information shows that the system has included input handler module including a file error detection module for screening incoming input data (col. 5, lines 45-50).

As to claim 6, Alam teaches the claimed limitation "where said input handler code segment includes an update screening code segment said update screening code segment for screening said incoming digital media files to determine if the said digital media file format is in a current format" as if at a step 304, it is determine that the input data is not in a format supported as an input format, then method 300 terminates

Art Unit: 2172

without converting the input data. Method 300 may also output an error message indicating that the input data is not in a format supported as an input format. This information shows that the system has included input handler module including an update screening code segment for screening incoming data to determine if the incoming data is in a format supported (col. 5, lines 45-50).

As to claim 7, Alam teaches the claimed limitation "where said input handler code segment includes an updating code segment said updating code segment for converting said incoming digital media files to a current software file format" as converting intermediate format document to an output format document. This information shows that the system has included input handler code segment including an updating code segment for converting format document to another format document (col. 6, lines 25-26).

As to claim 9, Alam teaches the claimed limitation "wherein said digital media transformation code segment further comprises a PowerPoint conversion code segment for converting a PowerPoint file to an output digital media file" as converting format of a input document such as Power Point format to another output format document. This information shows that the system has included a PowerPoint conversion code segment to convert a PowerPoint file to an out file (col. 2, lines 10-36).

Art Unit: 2172

As to claim 13, Alam teaches the claimed limitation "a XML conversion code segment said XML conversion code segment for converting a digital media file into an XML file" as converting a digital file into an XML file. This information shows that the system has included a XML conversion code segment to convert digital file to an XML file (col. 6, lines 24-30; col. 1, lines 60-62).

As to claim 14, Alam teaches the claimed limitation "a PowerPoint-XML code segment said PowerPoint-XML code segment for converting said PowerPoint file into an XML file" as converting PowerPoint file to an XML file. This information indicates the system has included a PowerPoint-XML code segment to convert PowerPoint file to an XML file (col. 6, lines 25-50).

As to claim 19, Alam teaches he claimed limitation "a presentation player execution code segment, said presentation player execution code segment for displaying a presentation file over the Internet on a third party said third party viewing the presentation file using a personal computer" as Output document is sent or delivered over the network and viewed by at least one type of electronic device, such as laptop computers, PDAs, cellular or wireless telephones pagers, etc (col. 2, lines 50-55; col. 6, lines 27-32; col. 15, lines 45-50).

As to claim 20, Alam teaches the claimed limitation "wherein said presentation player execution code segment is stored on a computer readable medium, which can

Art Unit: 2172

be accessed by a third party and downloaded through said communications device” as Output document is sent or delivered over the network and viewed by at least one type of electronic device, such as laptop computers, PDAs, cellular or wireless telephones pagers, etc (col. 2, lines 50-55; col. 6, lines 27-32; col. 15, lines 45-50).

As to claim 25, Alam teaches the claimed limitation “wherein said device building code segment includes a cell phone device code segment, said cell phone device code segment for enabling a presentation to be viewed on a cellular telephone screen” as output document is sent or delivered over the network and viewed by at least one type of electronic device, such as laptop computers, PDAs, cellular or wireless telephones pagers, etc. The above information shows that the system has included a cellophane device code segment to allow a presentation to be viewed on a cellular telephone screen (col. 2, lines 50-55; col. 6, lines 27-32; col. 15, lines 45-50).

As to claim 26, Alam teaches the claimed limitation “wherein said device building code segment includes a PDA device code segment, said PDA device code segment for enabling a presentation to be viewed on a Personal Digital Assistant screen” as output document is sent or delivered over the network and viewed by at least one type of electronic device, such as laptop computers, PDAs, cellular or wireless telephones pagers, etc. The above information shows that the system has included a PDA device code segment to allow a presentation to be viewed on a PDA screen (col. 2, lines 50-55; col. 6, lines 27-32; col. 15, lines 45-50).



As to claim 40, Alam teaches the claimed limitations:

“(a) obtaining access to an Internet site from which software may be downloaded” as a user chooses software to download via an Internet system (figs. 2&4B);

“(d) editing a digital media file using said digital media preparation software” as converting the input document to another format (col. 2, lines 15-20);

“(e) running a web preparation code segment executable at said personal computer” as computer codes is stored in record medium and used to convert input document. This information shows that the system has to run the software (col. 2, lines 10-55),

“(f) said web preparation code segment for assisting a user in authoring a presentation” as image authoring tools;

“(g) loading at least one digital media file onto a database” as loading files into a storage (col. 2, lines 35-45).

“(h) loading a desired digital media output format from a user” as sending output document which is a digital file to a user via email (col. 1, lines 1, lines 60-67; col. 1, lines 1-40);

“(i) converting said at least one digital media file to an intermediate digital mediaformat ou converting digital data representing an image of a document image stored in one format to another formats (col. 1, lines 18-20);

“(j) converting said intermediate digital media format in a presentation file” as converting the intermediate format document to the output format document using the intermediate format blocks” as (col. 2, lines 15-20);

“(k) if there are more than one of said at least one digital media files, integrating said intermediate digital media format, so that there is a single intermediate digital media output” as grouping digital data into one or more intermediate format blocks in an intermediate format document, and converting the intermediate format document to the output format document using the intermediate format blocks. For example, in certain circumstances, it may be desirable to support many different input formats while allowing only one specific output format. The above information shows that the digital data can be one or more than one digital files. Thus, the system can group digital data into one or more intermediate format blocks. The output format document is a single intermediate digital media output (col. 2, lines 15-18; col. 5, lines 25-30);

“converting said single intermediate digital media output into a digital output media file” as converting the intermediate format document to the output format document using the intermediate format (col. 2, lines 17-18);

“(m) storing said digital output media file on a computer readable medium” as storing output documents in memory, which is represented as a computer readable medium (col. col. 20, lines 65-66);

“allowing a third party to access said digital output media file” as Output document is sent or delivered over the network and viewed by at least one type of electronic device, such as laptop computers, PDAs, cellular or wireless telephones

Art Unit: 2172

paggers, etc. The above information shows that the system has included a presentation formatting code segment stored on zip disk to format input document (col. 2, lines 50-55; col. 6, lines 27-32; col. 15, lines 45-50).

Alam does not explicitly teach the claimed limitations "obtaining access to an Internet site from which software may be downloaded; downloading digital media preparation software on said personal computer". Alam teaches input document is received over a network. The computer codes stored on a computer readable such as zip disk is used to convert the input documents to another format. This information shows that the codes have to be downloaded from other system to store in zip disk (col. 2, lines 35-55).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Alam's teaching of the computer codes stored on a computer readable such as zip disk is used to convert the input documents to another format in order to convert digital data stored in one format to another format for manipulating and displaying to a user.

As to claim 43, Alam teaches the claimed limitation " wherein the user purchases software on a computer readable medium which allows access to the digital media file conversion service" as (col. 2, liens 10-25).

As to claim 106, Alam teaches the claimed limitation "further comprised of means for resizing a window, said window for displaying said presentation file" as reformatting for display a document on differently configured displays (col. 15, lines 40-55).

As to claim 110, Alam teaches the claimed limitation "at least one of the following acts: a). examining said file for picture primitives; b). examining said file for audio primitives; c). examining said file for text primitives; d). examining said file for animation primitives; e). examining said file for graphics primitives; and f). examining file for supporting material primitives" as examining file for text , graphics (col. 2, lines 25-35; col. 20, lines 10-30).

As to claim 109, Alam teaches the claimed limitation "wherein said digital media transformation code segment is further comprised of at least one of the following: a). a code segment stored on a computer readable medium, said code segment for examining a digital media file for picture primitives; b). a code segment stored on a computer readable medium, said code segment for examining a digital media file for audio primitives; c). a code segment stored on a computer readable medium, said code segment for examining a digital media file for text primitives; d ). a code segment stored on a computer readable medium, said code segment for examining a digital media file for animation primitives; e). a code segment stored on a computer readable medium, said code segment for examining a digital media file for graphics primitives; and f). a code segment stored on a computer readable medium, said code segment for

Art Unit: 2172

examining a digital media file for supporting material primitives" as computer codes is stored in a computer readable medium to examine file (col. 3, lines 50-65; col. 20, lines 8-20).

6. Claims 8, 33-35, 37-39, 44-45, 47-48, 55, 88, 90, 92, 93, 102, 105, 107, 108 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Katz et al (or hereinafter "Katz") (USP 6560651).

As to claims 8 and 55, Alam discloses the claimed limitation subject matter in claim 1, except the claimed limitation "where said input handler code segment includes a compression code segment said compression code segment for compressing said incoming digital media files". Katz teaches compressing digital file (col. 6, lines 44-45).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Katz's teaching of compressing digital file to Alam's system in order to save memory space and store a huge data files in memory.

As to claim 33, Alam teaches the claimed limitations:

"a. transferring said at least one digital media file from a computer to another computer through a communications device" as sending the output document, which contain digital files, from a computer system to a user via a network interface (col. 2, lines 35-40; col. 4, lines 58-59; col. 21, lines 31-33);

“b. loading said at least one digital media file onto a computer readable medium” as reading input data or digital data from a computer readable medium. This information shows that the system has loaded input data or digital data in a computer readable medium (col. 5, lines 12-15; col. 1, line 63);

“c. preparing said at least one digital media file for conversion by screening for viruses and file errors” as if at a step 304, it is determine that the input data is not in a format supported as an input format, then method 300 terminates without converting the input data. Method 300 may also output an error message indicating that the input data is not in a format supported as an input format. This information shows that the system has included input handler module including an update screening code segment for screening incoming data to determine if the incoming data is in a format supported (col. 5, lines 45-50);

“converting said at least one digital media file to an intermediate digital media format file” as converting text and/or image document 518 to an intermediary format document (col. 6, lines 17-19);

“if there is not more than one of said at least one digital media files, converting said single intermediate digital media format file to a digital media output format into a digital media output file” as locating data in the input document, grouping data into one or more intermediate format blocks in an intermediate format document, and converting the intermediate format document to the output format document using the intermediate format blocks. The input document or the output format document is digital files. In case, if grouping data into one block, the system has only one input document which is

Art Unit: 2172

integrated with intermediate format document so that there is an intermediate format document is outputted and converted to an output format document. An intermediate format document is represented a single intermediate digital media. An output format document is represented as a digital media output format (col. 2, lines 14-18; col. 6, lines 16-26);

“if there are more than one of said at least one digital media files, integrating said intermediate digital media format files so that there is a single intermediate digital media output, and then converting said single intermediate digital media output to a digital media output format” as locating data in the input document, grouping data into one or more intermediate format blocks in an intermediate format document, and converting the intermediate format document to the output format document using the intermediate format blocks. The input document or the output format document is digital files. This information shows that there is more than one input document, which is integrated with intermediate format document so that there is an intermediate format document is outputted and converted to an output format document. An intermediate format document is represented a single intermediate digital media. An output format document is represented as a digital media output format (col. 2, lines 14-18; col. 6, lines 16-26);

“g. storing said digital output media file on a computer readable medium” as storing output format document in memory such as floppy disk of computer system 2302. The output document is digital files (col. 20, lines 64-67; col. 5, lines 10-15; col. 21, lines 30-35);

Art Unit: 2172

“ allowing access to said digital output media file by a third party” as output document is sent over the network and viewed by at least one type of electronic device such as laptop computers, desktop PCs, personal digital assistant, cellular or wireless. One type of electronic device is represented as a third party (col. 21, lines 1-10; col. 22, lines 53-55; col. 20, lines 55-67).

Alam does not explicitly teach the claimed limitation “and compressing the file”

Katz teaches compressing digital file (col. 6, lines 44-45).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Katz’s teaching of compressing digital file to Alam’s system in order to save memory space and store a huge converted data files in memory.

As to claim 34, Alam teaches the claimed limitation “with the additional act of receiving a request from a client for a desired digital media output format” as a user can reformat (col. 2, lines 14-18).

As to claim 35, Alam teaches the claimed limitation “with the additional act of placing said digital output media file on a server so that it may be viewed by said third party via the Internet” as output document from computer 2302 is sent over the network and viewed by at least one type of electronic device such as laptop computers, desktop PCs, personal digital assistant, cellular or wireless. One type of electronic device is represented as a third party. This information shows that the system has included an



Art Unit: 2172

additional act of placing digital output media file on computer 2302, which is represented as a server for viewing (col. 21, lines 1-10; col. 22, lines 53-55; col. 20, lines 55-67).

As to claim 37, Alam teaches the claimed limitation "with the additional act of converting said digital media output file to a presentation file for an electronic device" as converting digital data to other formats (col. 1, lines 25-20).

As to claim 38, Alam teaches the claimed limitation "the additional act emailing said digital media output file to a third party, so that a third party may store said digital media output file" as output document is sent via electronic mail to a user (col. 2, lines 35-40).

As to claim 39, Alam teaches the claimed limitation "the additional act of hosting said at least one web page for said third party allowing said third party to view said desired digital media output" as network 2304 may be connected to a server which provides documents, such as WebPages in an input format. Network may be connected to output devices such as PDAs. The output format is displayed to PDA for viewing (col. 20, lines 3-7; col. 22, lines 35-40).

As to claim 44, Alam teaches the claimed limitation "wherein said act of converting said digital media output file to a presentation file for an electronic device,

Art Unit: 2172

where said electronic device is a cellular telephone” as converting digital data to other format for cellular phone (col. 20, lines 1-8; col. 1, lines 15-20).

As to claim 45, Alam teaches the claimed limitation “wherein said act of converting said digital media output file to a presentation file for an electronic device, where said electronic device is a personal digital assistant” as converting digital data to other format. The output format is displayed to PDA for viewing (col. 20, lines 3-7; col. 22, lines 35-40; col. 1, lines 17-20).

As to claim 47, Alam teaches the claimed limitation “wherein said act of converting said digital media output file to a presentation file for an electronic device, where said electronic device is a computer” as converting digital data to other format. The output format is displayed to a computer for viewing (col. 20, lines 3-7; col. 22, lines 35-40; col. 1, lines 17-20).

As to claim 48, Alam teaches the claimed limitation “wherein said act of converting said digital media output file to a presentation file for an electronic device, where said electronic device is a hand-held computer” as converting digital data to other format. The output format is displayed to cellular phone for viewing (col. 20, lines 3-7; col. 22, lines 35-40; col. 1, lines 17-20).

As to claim 88, Alam teaches the claimed limitation "the act of converting a Powerpoint® file to an intermediate digital media format file" as conversion of data representing a document to an intermediate format (col. 5, lines 60-65).

As to claim 92, Alam teaches the claimed limitation "a XML conversion code segment said XML conversion code segment for converting a digital media file into an XML file" as converting a digital file into an XML file. This information shows that the system has included a XML conversion code segment to convert digital file to an XML file (col. 6, lines 24-30; col. 1, lines 60-62).

As to claim 93, Alam teaches the claimed limitation "a Powerpoint-XML code segment said PowerPoint-XML code segment for converting said PowerPoint file into an XML file" as converting PowerPoint file to an XML file. This information indicates the system has included a PowerPoint-XML code segment to convert PowerPoint file to an XML file (col. 6, lines 25-50).

As to claim 102, Alam teaches the claimed limitation "wherein said device building code segment includes a cell phone device code segment, said cell phone device code segment for enabling a presentation to be viewed on a cellular telephone screen" as output document is sent or delivered over the network and viewed by at least one type of electronic device, such as laptop computers, PDAs, cellular or wireless telephones pagers, etc. The above information shows that the system has included a cellophane

Art Unit: 2172

device code segment to allow a presentation to be viewed on a cellular telephone screen (col. 2, lines 50-55; col. 6, lines 27-32; col. 15, lines 45-50).

As to claim 105, Alam teaches the claimed limitation "the additional act of scaling a presentation window" as reformatting for display on differently configured displays (col. 15, lines 40-55).

As to claim 107, Alam teaches the claimed limitation "at least one of the following acts: a). examining said file for picture primitives; b). examining said file for audio primitives; c). examining said file for text primitives; d). examining said file for animation primitives; e). examining said file for graphics primitives; and f). examining file for supporting material primitives" as examining file for text , graphics (col. 2, lines 25-35; col. 20, lines 10-30).

As to claim 108, Alam teaches the claimed limitation "at least one of the following acts: a). breaking down said picture primitives into components; b). breaking down said audio primitives into components; c). breaking down said text primitives into components; d ). breaking down said animation primitives into components; e). breaking down said graphics primitives into components; and f). breaking down said supporting material primitives into components" as dividing input format documet into words before converting input document into another format (col. 6, lines 50-67, col. 7, lines 35-57).

Art Unit: 2172

7. Claims 10-12, 15-17, 21-24, 67-68, 86, ~~78, 104~~ rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Gomez (or hereinafter "Gomez") (WO 00/16550).

As to claim 10, Alam discloses the claimed limitation subject matter in claim 9, except the claimed limitation "a Audio-audio code segment said Powerpoint-audio code segment for converting said Audio file and an audio file into a single presentation file". However, Alam teaches grouping digital data into one or more intermediate format blocks in an intermediate format document, and converting the intermediate format document to the output format document using the intermediate format blocks. For example, in certain circumstances, it may be desirable to support many different input formats while allowing only one specific output format. The above information shows that the digital data can be one or more than one digital files including audio files and PowerPoint file. Thus, the system can group digital data into one or more intermediate format blocks. The output format document is a single intermediate digital media output (col. 2, lines 15-35; col. 5, lines 25-30). Gomez teaches compressing the video and audio files to the correct baud-rate and encode them to a streaming format like ASF or RMFF. Video file is represented as power point file (page 2, lines 14-17).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of compressing the video and audio files to the correct baud-rate and encode them to a streaming format like ASF or RMFF to Alam's system in order to display a visual presentation file to a user or allow a user can view a file.

As to claim 11, Alam discloses the claimed limitation subject matter in claim 9, except the claimed limitation "a digital audio code segment said digital audio code segment for converting an audio file into another type of audio file". Gomez teaches converting still image in a camera to JPEG format (page 1, lines 30-32; page 11, lines 20-21).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of converting still image in a camera to JPEG format to Alam's system in order to allow users can view a image in different device.

As to claim 12, Alam discloses the claimed limitation subject matter in claim 9, except the claimed limitation "a digital video code segment said digital video code segment for converting an video file into another type of video file". Gomez teaches converting the video signal into digital video data (page 5, lines 21-23).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of converting the video signal into digital video data to Alam's system in order to display live movie to users in corresponding format.

As to claim 15, Alam disclose the claimed limitation subject matter in claim 1, except the claimed limitation "a timing code segment, said time code segment for

Art Unit: 2172

placing markers in a stream of data from a digital media file which notifies that an audio file code segment is to be integrated with said digital media file". However, Gomez teaches that overhead-projector plastic slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol. VGA-graphics are represented as digital file. Slides are presented as audio files (col. 3, lines 8-12).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of overhead-projector plastic slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol to Alam's system in order to create video or picture without conflicting.

As to claim 16, Alam disclose the claimed limitation subject matter in claim 1, except the claimed limitation 9, except the claimed limitation "PowerPoint-animation code segment said PowerPoint-animation code segment for converting said PowerPoint file and an animation file into a single presentation file". Gomez teaches that overhead-projector plastic slides, which includes powerpoint slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol. Whiteboard drawings are represented as animation

Art Unit: 2172

files. Powerpoint slides are presented as PowerPoint files (col. 3, lines 8-12; page. 2, lines 5-10).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of overhead-projector plastic slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol to Alam's system in order to create video or picture without conflicting.

As to claim 17, Alam disclose the claimed limitation subject matter in claim 1, except the claimed limitation "a supporting presentation code segment, said supporting presentation code segment for marking media file data with a data code segment that indicates that additional text or graphics is to be added to a presentation file at that point and then adding code representing said additional text or graphics to said media file data at said point". Gomez teaches that overhead-projector plastic slides, which includes PowerPoint slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol. The above information shows that graphics files are added and converted into an ASF file (col. 3, lines 8-12; page. 2, lines 5-10).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of overhead-projector plastic slides,



Art Unit: 2172

computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol to Alam's system in order to create video or picture without conflicting.

As to claim 21, Alam discloses the claimed limitation subject matter in claim 19, except the claimed limitation "a Flash player code segment, said Flash player code segment for viewing a presentation which contains animation". Gomez teaches that the viewer's application e.g., ASF player in the web browser can view a stream data (col. 21, lines 19-32).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of that the viewer's application e.g., ASF player in the web browser can view a stream data to Alam's system in order to allow users can view feature file.

As to claim 22, Alam discloses the claimed limitation subject matter in claim 19, except the claimed limitation "a DHTML player code segment, said DHTML player code segment for viewing a presentation by said third party over the Internet". However Gomez teaches that the viewer's application e.g., ASF player in the web browser can view a stream data. It is obvious to add the DHTML player for viewing file (col. 21, lines 19-32).

Art Unit: 2172

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of that the viewer's application e.g., ASF player in the web browser can view a stream data to Alam's system in order to allow users can view feature file.

As to claim 23, Alam discloses the claimed limitation subject matter in claim 19, except the claimed limitation "wherein the presentation player execution code segment is further comprised of a DHTML-32bit audio player code segment, said DHTML-32bit audio player code segment for viewing a presentation by said third party over the Internet". However, Gomez teaches that the viewer's application e.g., ASF player in the web browser can view a stream data. It is obvious to add the DHTML player for viewing file (col. 21, lines 19-32).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of that the viewer's application e.g., ASF player in the web browser can view a stream data to Alam's system in order to allow users can view feature file.

As to claim 24, Alam discloses the claimed limitation subject matter in claim 19, except the claimed limitation "a wav conversion code segment, said wav conversion code segment for converting a .wav file to a 32-bit .au file". However, Gomez teaches that overhead-projector plastic slides, which includes PowerPoint slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video

Art Unit: 2172

encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol. The above information shows that graphics files are added and converted into an ASF file (col. 3, lines 8-12; page. 2, lines 5-10).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of overhead-projector plastic slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol to Alam's system in order to create video or picture without conflicting.

As to claim 67, Alam discloses the claimed limitation subject matter in claim 53, except the claimed limitation "a digital audio code segment said digital audio code segment for converting an audio file into another type of audio file". Gomez teaches converting still image in a camera to JPEG format (page 1, lines 30-32; page 11, lines 20-21).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of converting still image in a camera to JPEG format to Alam's system in order to allow users can view a image in different device.

Art Unit: 2172

As to claim 68, Alam discloses the claimed limitation subject matter in claim 53, except the claimed limitation "a digital video code segment said digital video code segment for converting an video file into another type of video file". Gomez teaches converting the video signal into digital video data (page 5, lines 21-23).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of converting the video signal into digital video data to Alam's system in order to display live movie to users in corresponding format.

As to claim 86, Alam discloses the claimed limitation subject matter in claim, except the claimed limitation "the means for notifying a customer of the progress of a digital media project, said means for notifying a customer in real-time or substantial real-time of the progress of a digital media conversion and integration project".

Gomez teaches time code segment for placing markers in a data stream from a digital media file which notifies that an audio file code segment is to be integratd with said digital media file (page, lines 18-20, page 8, lines 11-18).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of time code segment for placing markers in a data stream from a digital media file which notifies that an audio file code segment is to be integrated with said digital media file to Alam in order to synchronize to video and audio information to help for converting video file which include audio file.

Art Unit: 2172

8. Claims 27-28 and 81-82 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Letovsky et al (or hereinafter "Letovsky") (US 2002/0147047).

As to claims 27, 81, Alam discloses the claimed limitation subject matter in claim 3 and 53, except the claimed limitation "wherein said device building code segment includes a real media format code segment, said real media format code segment for enabling a presentation to be viewed by a Real® player". However, Letovsky teaches that the other suitable conversion and transmission device(s)) converts the video camera output to a compressed video file, and transmits the file to the remote customer's computer, where it may be played back in either a Java window, or within Real Player, Windows Media Player (page 8, col. Right, lines 52-57).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Letovsky's teaching of the other suitable conversion and transmission device(s)) converts the video camera output to a compressed video file, and transmits the file to the remote customer's computer, where it may be played back in either a Java window, or within Real Player, Windows Media Player to Alam's system in order to allow users can view clearly all feature of a document.

As to claims 28 and 82, Alam discloses the claimed limitation subject matter in claims 3 and 53, except the claimed limitation "wherein said device building code segment includes a windows media format code segment, said windows media format code segment for enabling a presentation to be viewed by a Windows Media® player".

Art Unit: 2172

However, Letovsky teaches that the other suitable conversion and transmission device(s)) converts the video camera output to a compressed video file, and transmits the file to the remote customer's computer, where it may be played back in either a Java window, or within Real Player, Windows Media Player (page 8, col. Right, lines 52-57).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Letovsky's teaching of the other suitable conversion and transmission device(s)) converts the video camera output to a compressed video file, and transmits the file to the remote customer's computer, where it may be played back in either a Java window, or within Real Player, Windows Media Player to Alam's system in order to allow users can view clearly all feature of a document.

9. Claims 29-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Pratts et al (or hereinafter "Pratts") (US 20020144278).

As to claim 29, Alam discloses the claimed limitation subject matter in claim 1 , except the claimed limitation "an additional preliminary authoring and preparation code segment, which is executable at an off-site personal computer". Pratts teaches that only registered members of our service will be allowed to enter into our data banks to vie the desired digital media in which they are searching. Editing system and encoder are sources of software designed to add, remote, edit and encode the digital media files into the proper code for formatting the media. The digital media will go through the

Art Unit: 2172

editing process prior to being stored onto the main server. It means that edit software is executable at an off-site server (page 3, col. Right, lines 34-48).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Pratt's teaching of authoring system and editing digital media file at a server system in order to prevent unauthorized persons to modify files.

As to claim 30, Alam discloses the claimed limitation subject matter in claim 29 , except the claimed limitation in which said additional preliminary authoring and preparation code segment can be downloaded onto said personal computer from the Internet". Pratts teaches that Holographic plug-in is software that is needed to be downloaded to the client end users receives (page 3, lines22-24).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Pratt's teaching of downloading a software to a user computer into Alam's system in order to allow a user can use the software for viewing a document.

10. Claims 31-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Pratts et al (or hereinafter Pratts) (USP 2002/0144278) and further in view of Lin (USP 6369835).

As to claim 31, Alam discloses the claimed limitation subject matter in claim 29 , except the claimed limitation "in which said additional preliminary authoring and preparation a audio-audio add in code segment, said powerpoint-audio add in code

Art Unit: 2172

segment for adding an audio file to a Powerpoint® presentation to create a powerpoint with audio media file". Lin teaches presentation programs, such as "PowerPoint," typically include user interfaces for enabling users to create, edit, view and save slide show presentations. The system allows a presentation program to save transformed slide show presentation objects in a standard movie file format, such as QuickTime and Video for Windows. In this way, any application program that recognizes the format of the movie data in the movie file may be employed to play the movie file and display a movie of the slide show presentation. The movie API may also provide functions such as an editor for editing the audio data (col. 5, lines 30-45; col. 4, lines 15-17).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Pratt's teaching of including PowerPoint in a interface to allow a user to create or edit presentations or edit the audio data into Alam's system in order to allow a user can update audio data following user's desires.

As to claim 32, Alam discloses the claimed limitation subject matter in claim 31, except the claimed limitation "download said audio with audio media file into said input handler code segment". However, Lin teaches PowerPoint is included in an interface to enable user to edit the audio data (col. 5, lines 30-45; col. 4, lines 15-17). Pratts teaches that Holographic plug-in is software that is needed to be downloaded to the client end users receives (page 3, lines 22-24).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Lin's teaching of including PowerPoint in a interface for



allowing a user to edit audio data and Pratt's teaching of downloading a software to a user computer into Alam's system in order to allow a user can use the software for viewing a document and update audio data following user's desires.

11. Claims 36, 41-42 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Katz et al (or hereinafter "Katz") (USP 6560651) and further in view of Treyz (USP 6587835).

As to claim 36, Alam discloses the claimed limitation subject matter in claim 33, except the claimed limitation "where said act of loading at least one digital media file includes the act of communicating between a remote party and a central database processing resource through a computer network, providing credit card information of the remote user prior to providing access to the system and allowing access to the remote user after charging a credit card for such access". However, Treyz teaches that audio files may be downloaded from audio database 1018 of a computer to computer 1024 over a communications network 1022 such as the Internet. The audio content may be purchased by providing the audio kiosk with a credit card or smart card, by providing cash to the kiosk (e.g., using a bill reader), by using handheld computing device 12 to wirelessly provide financial information to audio kiosk 998, or using any other suitable technique. After the user purchases audio content, audio kiosk 998 may be used to deliver audio to the user. For example, MP3 files or other suitable digital audio files may be downloaded to handheld computing device 12 over a local wireless link or other suitable communications path. MP3 files or other suitable

Art Unit: 2172

digital audio files may also be downloaded to the user's home computer 1024 (FIG. 107). A CD or other such hard copy of the purchased audio content may be delivered to the user's home. Audio database 1018 is represented as a central database. A computer which stores audio database 1018 is represented as a remote party (fig. 107, col.62, lines 30-50).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply treyz's teaching of downloading audio files from audio database of a computer to another computer over a communication network and purchasing the audio content with a credit card to Alam's system in order to allow users to buy any files or products on the Internet convinently.

As to claim 41, Alam discloses the claimed limitation subject matter in claim 33, except the claimed limitation "wherein the user subscribes to a service in which said user is entitled to use said method a set number of times per period of time". Treyz teaches After the user purchases audio content, audio kiosk 998 may be used to deliver audio to the user. For example, MP3 files or other suitable digital audio files may be downloaded to handheld computing device 12 over a local wireless link or other suitable communications path. MP3 files or other suitable digital audio files may also be downloaded to the user's home computer 1024 (FIG. 107). A CD or other such hard copy of the purchased audio content may be delivered to the user's home. Audio database 1018 is represented as a central database. A computer which stores audio database 1018 is represented as a remote party (fig. 107, col.62, lines 30-50).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply treyz's teaching of downloading audio files from audio database of a computer to another computer over a communication network and purchasing the audio content with a credit card to Alam's system in order to allow users to buy any files or products on the Internet convinently.

As to claim 42, Alam does not explicitly teach the claimed limitation "wherein the user pays for a one time conversion and posting" After the user purchases audio content, audio kiosk 998 may be used to deliver audio to the user. For example, MP3 files or other suitable digital audio files may be downloaded to handheld computing device 12 over a local wireless link or other suitable communications path. MP3 files or other suitable digital audio files may also be downloaded to the user's home computer 1024 (FIG. 107). A CD or other such hard copy of the purchased audio content may be delivered to the user's home. Audio database 1018 is represented as a central database. A computer which stores audio database 1018 is represented as a remote party (fig. 107, col.62, lines 30-50).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply treyz's teaching of downloading audio files from audio database of a computer to another computer over a communication network and purchasing the audio content with a credit card to Alam's system in order to allow users to buy any files or products on the Internet convinently.

Art Unit: 2172

12. Claims 46, 52, 94-96, 100, 101, 89-91 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Katz et al (or hereinafter "Katz") (USP 6560651) and further in view of Gomez.

As to claim 46, Alam discloses the claimed limitation subject matter in claim 37, except the claimed limitation "where said electronic device is computer with a Flash plug-in". Gomez teaches a electronic device is a computer with a camera. A camera is represented as Flash plug-in (page 4, lines 25-26).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of a computer with a camera into Alam's system in order to allow a user to take still pictures.

As to claim 52, "the additional act of scaling an amount charged to the user based on the complexity of the digital media file conversion" as a virus detection program is executed to detect for the presence of viruses in the input document. This information indicates the system has included input handler code segment for screening input document or digital file for viruses (col. 20, lines 14-20).

As to claim 94, Alam disclose the claimed limitation subject matter in claim 1, except the claimed limitation "a timing code segment, said time code segment for placing markers in a stream of data from a digital media file which notifies that an audio file code segment is to be integrated with said digital media file". However, Gomez teaches that

Art Unit: 2172

overhead-projector plastic sildes, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol. VGA-graphics are represented as digital file. Sildes are presented as audio files (col. 3, lines 8-12).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of overhead-projector plastic sildes, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol to Alam's system in order to create video or picture without confilicting.

As to claim 95, Alam disclose the claimed limitation subject matter in claim 1, except the claimed limitation 9, except the claimed limitation "powerpoint-animation code segment said PowerPoint-animation code segment for converting said PowerPoint file and an animation file into a single presentation file". Gomez teaches that overhead-projector plastic slides, which includes powerpoint slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol. Whiteboard drawings are represented as animation files. Powerpoint slides are presented as PowerPoint files (col. 3, lines 8-12; page. 2, lines 5-10).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of overhead-projector plastic slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol to Alam's system in order to create video or picture without conflicting.

As to claim 96, Alam disclose the claimed limitation subject matter in claim 1, except the claimed limitation "a supporting presentation code segment, said supporting presentation code segment for marking media file data with a data code segment that indicates that additional text or graphics is to be added to a presentation file at that point and then adding code representing said additional text or graphics to said media file data at said point". Gomez teaches that overhead-projector plastic slides, which includes powerpoint slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol. The above information shows that graphics files are added and converted into a ASF file (col. 3, lines 8-12; page. 2, lines 5-10).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of overhead-projector plastic slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and

Art Unit: 2172

synchronization points in an ASF file for real time streaming Protocol to Alam's system in order to create video or picture without conflicting.

As to claim 100, Alam discloses the claimed limitation subject matter in claim 19, except the claimed limitation "wherein the presentation player execution code segment is further comprised of a DHTML-32bit audio player code segment, said DHTML-32bit audio player code segment for viewing a presentation by said third party over the Internet". However, Gomez teaches that the viewer's application e.g., ASF player in the web browser can view a stream data. It is obvious to add the DHTML player for viewing file (col. 21, lines 19-32).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of that the viewer's application e.g., ASF player in the web browser can view a stream data to Alam's system in order to allow users can view feature file.

As to claim 101, Alam discloses the claimed limitation subject matter in claim 19, except the claimed limitation "a wav conversion code segment, said wav conversion code segment for converting a .wav file to a 32-bit .au file". However, Gomez teaches that overhead-projector plastic slides, which includes powerpoint slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol. The above information shows that

Art Unit: 2172

graphics files are added and converted into a ASF file (col. 3, lines 8-12; page. 2, lines 5-10).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of overhead-projector plastic slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol to Alam's system in order to create video or picture without conflicting.

As to claim 89, Alam discloses the claimed limitation subject matter, except the claimed limitation "the act of converting a Powerpoint® file and an audio file into an intermediate digital media format file". However, Gomez teaches converting Powerpoint file, audio file, or video file into a single presentation file to the viewer (page 1, lines 28,- page 2, lines 6; page 4,, lines 23-page 5, lines 17).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of converting Powerpoint file, audio file, or video file into a single presentation file to the viewer to Alam in order to allow a viewer can view and listen sound from image on a display.

As to claim 90, Alam discloses the claimed limitation subject matter in claim 33, except the claimed limitation "the act of converting an audio of one type and an audio file of another type into an intermedia digital media format file". However, Gomez



Art Unit: 2172

teaches converting Powerpoint file, audio file, or video file into a single presentation file to the viewer (page 1, lines 28,-page 2, lines 6; page 4,, lines 23-page 5, lines 17).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of converting Powerpoint file, audio file, or video file into a single presentation file to the viewer to Alam in order to allow a viewer can view and listen sound from image on a display.

As to claim 91, Alam discloses the claimed limitation subject matter in claim 33, except the claimed limitation "converting a video file into an intermedia digital media format file". However, Gomez teaches converting Powerpoint file, audio file, or video file into a single presentation file to the viewer (page 1, lines 28,-page 2, lines 6; page 4,, lines 23-page 5, lines 17).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of converting Powerpoint file, audio file, or video file into a single presentation file to the viewer to Alam in order to allow a viewer can view and listen sound from image on a display.

13. <sup>47</sup> Claims 60-63<sup>47</sup> are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Friedman (WO 99/23584).

As to claim 60, Alam discloses the claimed limitation subject matter in claim 53, except the claimed limitation " wherein said means for means for converting at least one digital media file into at least one output digital media file of a different type occurs

Art Unit: 2172

on a Windows® platform". Alam teaches converting a digital file into another format (fig. 4). Friedman teaches different many platforms is used such as variety of different platforms, including Macintosh, Linux, BeOS, Solaris, UNIX (fig. 2).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Friedman's teaching of different many platforms is used such as variety of different platforms, including Macintosh, Linux, BeOS, Solaris, UNIX to Alam's system in order to provide the converting method on different operating systems.

As to claim 61, Alam discloses the claimed limitation subject matter in claim 53, except the claimed limitation "wherein said means for means for converting at least one digital media file into at least one output digital media file of a different type occurs on a LINUX platform". Alam teaches converting a digital file into another format (fig. 4). Friedman teaches different many platforms is used such as variety of different platforms, including Macintosh, Linux, BeOS, Solaris, UNIX (fig. 2).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Friedman's teaching of different many platforms is used such as variety of different platforms, including Macintosh, Linux, BeOS, Solaris, UNIX to Alam's system in order to provide the converting method on different operating systems.

As to claim 62, Alam discloses the claimed limitation subject matter in claim 53, except the claimed limitation "wherein said means for means for converting at least one digital media file into at least one output digital media file of a different type occurs on a UNIX platform". Alam teaches converting a digital file into another format (fig. 4). Friedman teaches different many platforms is used such as variety of different platforms, including Macintosh, Linux, BeOS, Solaris, UNIX (fig. 2).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Friedman's teaching of different many platforms is used such as variety of different platforms, including Macintosh, Linux, BeOS, Solaris, UNIX to Alam's system in order to provide the converting method on different operating systems.

As to claim 63, Alam discloses the claimed limitation subject matter in claim 53, except the claimed limitation "means for converting at least one digital media file into at least one output digital media file of a different type occurs on a Macintosh® platform. ". Alam teaches converting a digital file into another format (fig. 4). Friedman teaches different many platforms is used such as variety of different platforms, including Macintosh, Linux, BeOS, Solaris, UNIX (fig. 2).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Friedman's teaching of different many platforms is used such as variety of different platforms, including Macintosh, Linux, BeOS, Solaris,

Art Unit: 2172

UNIX to Alam's system in order to provide the converting method on different operating systems.

As to claim 77, Alam disclose the claimed limitation subject matter in claim, except the claimed limitation "means for allowing a viewer to view a presentation in DHTML with 32kbs format". Friedman teaches converting a digital media so that it may be viewed by a DHML player (page 36, lines 24-30, page 37, lines 1-23).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Friedman's teaching of converting a digital media so that it may be viewed by a DHML player to Alam's system in order to provide more desired format for converting method, since DHTML converting is viewed by the viewer.

14. Claim 71 is rejected under 35 U.S.C. 103(a) as being unpatentable over Alam in view of Wei et al (or hereinafter "Wei") (US 2001/0056575).

As to claim 71, Alam discloses the claimed limitation subject matter in claim 53, except the claimed limitation "means for adding timing information into said at least one input digital media file". Wei teaches that digital file together with the parameters relating thereto, including the timing of the duration of each of the video components for each of the still frames and the various filters applied thereto (fig. 3).

It would have been obvious to person of an ordinary skill in the art at the time the invention was mad to apply Wei's teaching of digital file together with the

Art Unit: 2172

parameters relating thereto, including the timing of the duration of each of the video components for each of the still frames and the various filters applied thereto to Alam's system in order to reproduce the digital data over the plurality of repeated frames correctly.

15. Claims 74, 76 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Swanton (WO01/19088).

As to claim 74, Alam discloses the claimed limitation subject matter in claim 53, except the claimed limitation "means for converting an XML file to an output digital media file which can be viewed by a player which uses Flash". Alam teaches converting an XML file to an output file (col. 2, lines 2-35). Swanton teaches providing digital media file viewed by a player uses Flash (page 9, lines 45-55).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Swanton's teaching of providing digital media file viewed by a player uses Flash to Alam's system in order include a Flash conversion code segment which help to convert an input file to another format.

As to claim 76, Alam disclose the claimed limitation subject matter in claim 53, except the claimed limitation "allowing a viewer with a Flash plug-in to view a presentation over the Internet". Swanton teaches providing digital media file viewed by a player uses Flash over Internet (page 9, lines 45-55).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Swanton's teaching of providing digital media file viewed by a player uses Flash to Alam's system in order include a Flash conversion code segment which help to convert an input file to another format.

84  
16. Claims 73 and 83<sup>84</sup> are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Katz and further in view of Bretschneider et al (or hereinafter "Bretschneider") (USP 6041333).

As to claim 73, Alam discloses the claimed limitation subject matter in claim 53, except the claimed limitation "means for adding a presentation supporting file information to said at least one input digital media file" However, Bretschneider teaches a slide is a collection of text, graphic image, video or animation, sound or powerpoint (col. 5, lines 25-30; fig. 5B).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Bretschneider's teaching of a slide is a collection of text, graphic image, video or animation, sound or powerpoint to Alam's system in order to allow a user can view a file including sounds on a window.

As to claim 83, Alam discloses the claimed limitation subject matter in claim 53, except the claimed limitation "means for allowing a third party to add sound to a Powerpoint© file on a personal computer". However, Bretschneider teaches a slide is a

Art Unit: 2172

collection of text, graphic image, video or animation, sound or powerpoint (col. 5, lines 25-30; fig. 5B).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Bretschneider's teaching of a slide is a collection of text, graphic image, video or animation, sound or powerpoint to Alam's system in order to allow a user can view a file including sounds on a window.

As to claim 84, Alam teaches the claimed limitation "to download the file to said system from said personal computer" as sending output format document to use over Internet (col. 20, lines 49-50).

17. Claims 78<sup>86</sup> and 104 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Gomez.

As to claim 78, Alam discloses the claimed limitation subject matter in claim 75, except the claimed limitation "a wav conversion code segment, said wav conversion code segment for converting a .wav file to a 32-bit .au file". However, Gomez teaches that overhead-projector plastic slides, which includes powerpoint slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol. The above information shows that

Art Unit: 2172

graphics files are added and converted into a ASF file (col. 3, lines 8-12; page. 2, lines 5-10).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of overhead-projector plastic slides, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol to Alam's system in order to create video or picture without conflicting.

As to claim 86, Alam disclose the claimed limitation subject matter in claim 1, except the claimed limitation "the means for notifying a customer of the progress of a digital media project, said means for notifying a customer in real-time or substantial real-time of the progress of a digital media conversion and ingegration project". However, Gomez teaches that overhead-projector plastic sildes, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and synchronization points in an ASF file for real time streaming Protocol. VGA-graphics are represented as digital file. Sildes are presented as audio files (col. 3, lines 8-12).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez's teaching of overhead-projector plastic sildes, computer VGA-graphics, whiteboard drawings are captured and converted to JPEG and the video encoding is done in MPEG and stored together with the sound and



Art Unit: 2172

synchronization points in an ASF file for real time streaming Protocol to Alam's system in order to create video or picture without conflicting.

As to claim 104, Alam discloses the claimed limitation subject matter in claim, except the claimed limitation "in which said act of editing a digital media file further the act of editing a Powerpoint file and an audio file". Alam teaches converting at least one digital media file which includes embedded animation, sounds, music to an intermediate digital media format file (col. 6, lines 50-67; col. 5, lines 60-65). Gomez teaches converting audio file or video file into a single presentation file to the viewer (page 1, lines 28-40, page 2, lines 6, page 9, lines 11-25).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Gomez 's teaching of converting audio file or video file into a single presentation file to the viewer to Alam to include PowerPoint-audio, Powerpoint-animation, digital audio, and digital video code segment for converting slide show with/without animation/audio, video, and audio file into desired file types.

18. Claim 18 is rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Keane et al (or hereinafter "Keane") (USP 6650433).

As to claim 18, Alam disclose the claimed limitation subject matter in claim 1, except the claimed limitation 1, except the claimed limitation "a Flash conversion code segment, said Flash conversion for converting an XML file to an output digital media

Art Unit: 2172

file which can be viewed by a player which uses Flash. Keane teaches the customer's print job is sent to the server in XML format, and the XML file is then converted by the server into a digital format, e.g., into a PostScript file 128. A customer using the Design Studio can upload a graphic file, e.g., containing the customer's logo. The file can be, e.g., created using graphic design software, down-loaded from the Internet (col. 8, lines 65-67; col. 12, lines 17-20; FIG. 1B).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Keane's teaching of the customer's print job is sent to the server in XML format, and the XML file is then converted by the server into a digital format, e.g., into a PostScript file 128. A customer using the Design Studio can upload a graphic file, e.g., containing the customer's logo. The file can be, e.g., created using graphic design software, down-loaded from the Internet to Alam's system in order to download digital file via Internet.

19. Claim 97 is rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Rat and further in view of Keane et al (or hereinafter "Keane") (USP 6650433).

As to claim 97, Alam disclose the claimed limitation subject matter in claim 1, except the claimed limitation 1, except the claimed limitation "a Flash conversion code segment, said Flash conversion for converting an XML file to an output digital media file which can be viewed by a player which uses Flash. Keane teaches the customer's print job is sent to the server in XML format, and the XML file is then converted by the

Art Unit: 2172

server into a digital format, e.g., into a PostScript file 128. A customer using the Design Studio can upload a graphic file, e.g., containing the customer's logo. The file can be, e.g., created using graphic design software, down-loaded from the Internet (col. 8, lines 65-67; col. 12, lines 17-20; FIG. 1B).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Keane's teaching of the customer's print job is sent to the server in XML format, and the XML file is then converted by the server into a digital format, e.g., into a PostScript file 128. A customer using the Design Studio can upload a graphic file, e.g., containing the customer's logo. The file can be, e.g., created using graphic design software, down-loaded from the Internet to Alam's system in order to download digital file via Internet.

20. Claims 98-99 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Rat and further in view of Friedman.

As to claim 98, Alam discloses the claimed limitation subject matter in claim, except the claimed limitation "the additional act of converting a digital media output file so that it may be viewed by a Flash player". Friedman teaches converting a digital media so that it may be viewed by a DHML player (page 36, lines 24-30, page 37, lines 1-23).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Friedman's teaching of converting a digital media so

Art Unit: 2172

that it may be viewed by a DHML player to Alam's system in order to provide more desired format for converting method, since DHTML converting is viewed by the viewer.

As to claim 99, Alam discloses the claimed limitation subject matter in claim, except the claimed limitation "the additional act of converting a digital media output file so that it may be viewed by a Dynamic Hypertext Markup Language player. Friedman teaches converting a digital media so that it may be viewed by a DHML player (page 36, lines 24-30, page 37, lines 1-23).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Friedman's teaching of converting a digital media so that it may be viewed by a DHML player to Alam's system in order to provide more desired format for converting method, since DHTML converting is viewed by the viewer.

21 Claims 102-103 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alam et al (or hereinafter "Alam") (USP 6336124) in view of Kat and further in view of Letovsky et al (or hereinafter "Letovsky") (US 2002/0147047).

As to claim 102, Alam discloses the claimed limitation subject matter in claim 3, except the claimed limitation "wherein said device building code segment includes a real media format code segment, said real media format code segment for enabling a presentation to be viewed by a Real® player". However, Letovsky teaches that the other suitable conversion and transmission device(s)) converts the video camera output to a compressed video file, and transmits the file to the remote customer's computer,

Art Unit: 2172

where it may be played back in either a Java window, or within Real Player, Windows Media Player (page 8, col. Right, lines 52-57).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Letovsky's teaching of the other suitable conversion and transmission device(s)) converts the video camera output to a compressed video file, and transmits the file to the remote customer's computer, where it may be played back in either a Java window, or within Real Player, Windows Media Player to Alam's system in order to allow users can view clearly all feature of a document.

As to claim 103, Alam discloses the claimed limitation subject matter in claim 3, except the claimed limitation "wherein said device building code segment includes a windows media format code segment, said windows media format code segment for enabling a presentation to be viewed by a Windows Media® player". However, Letovsky teaches that the other suitable conversion and transmission device(s)) converts the video camera output to a compressed video file, and transmits the file to the remote customer's computer, where it may be played back in either a Java window, or within Real Player, Windows Media Player (page 8, col. Right, lines 52-57).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Letovsky's teaching of the other suitable conversion and transmission device(s)) converts the video camera output to a compressed video file, and transmits the file to the remote customer's computer, where it may be played

Art Unit: 2172

back in either a Java window, or within Real Player, Windows Media Player to Alam's system in order to allow users can view clearly all feature of a document.

### ***Conclusion***

22. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Teper et al (USP 5815655).

### ***Contact Information***

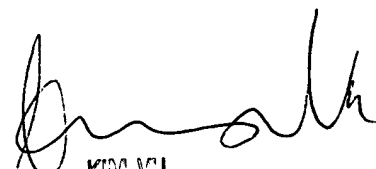
23. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cam-Y Truong whose telephone number is (703 -605-1169). The examiner can normally be reached on Mon - Fri from 8:00AM to 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu, can be reached on (703-305-4393). The fax phone number for organization where this application or proceeding is assigned is (703-308-9051).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703-305-3900).

Cam-Y Truong

11/13/03

  
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